



L. King

NEWPORT PAGNELL RURAL DISTRICT COUNCIL

A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH

for

The Year 1957



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of the
MEDICAL OFFICER OF HEALTH
for the year
1957

Chairman of the Council: E. Gurney, J.P.

PUBLIC HEALTH COMMITTEE

Chairman: R G. Bellchambers

Councillors: J. H. Baxter, Genl. H. Blount, D.S.O., A. Crouch,
H F. Dolling, A. Eley, J. S. Goss, J.H. Green, J.P.,
N. J. Gurney, Revd. P. Hemming, M.A., E. Holdom,
C. Hutton, W. E. Jarvis, Ald. S. W. Lord, J.P., A Lyon
H. J. Osborn, J. R Powell, Miss S. K. A. Uthwatt,
G. F Wesley.

PUBLIC HEALTH STAFF

MEDICAL OFFICER OF HEALTH

D. H. WALDRON, O.B.E., M.D., D.P.H., D.T.M. & H., COL. I.M.S. (RETD).

(The Medical Officer of Health is also M.O.H. for Buckingham M.B., the Urban Districts of Bletchley, Linslade, Newport Pagnell and Wolverton, the Rural Districts of Buckingham and Wing, Area M.O. for North Bucks and Buckingham and Winslow Division).

DEPUTY MEDICAL OFFICER OF HEALTH

F. SEYMOUR, M.B., CH.B., D.P.H.

CHIEF PUBLIC HEALTH INSPECTOR

F. LOCKWOOD, M.Inst.B.E., M.A.P.H.I., M.R.S.H.

ADDITIONAL PUBLIC HEALTH INSPECTORS

W. R. H. GILLING, M.A.P.H.I., A.R.S.H. to June.

J. H. MEURICE, M.A.P.H.I., A R.S.H. from July.

Council Offices,
7, Station Road,
NEWPORT PAGNELL,
Bucks.

TO THE CHAIRMAN AND COUNCILLORS OF THE RURAL DISTRICT
OF NEWPORT PAGNELL.

Ladies & Gentlemen,

I have the honour to present the Annual Report of the Medical Officer of Health for the year 1957.

The Birth Rate showed a drop from the 1956 figure but still remains at a satisfactory high level. It is still over 2 points higher than that for the rest of the Country.

The Death Rate remains steady being slightly less than the rate for the Country. Of the 193 deaths 135 were due to Heart and Allied Diseases and Cancer.

The Infantile Mortality Rate is up on last year but even so is more than 5 points below the rate for the Country.

Vaccination against poliomyelitis went on during the year but due to shortage of supplies progress was very slow. Towards the end of the year it was decided to import vaccine from Canada and the United States to augment the home supply. This was a forward step and at the time of writing appointments have been made for all children registered up to June 9th, 1958.

I would like to record another year of pleasant co-operation with Mr. Dunbabin, your Clerk, Mr. F. Lockwood, your Chief Health Inspector and their staffs.

I am,

Your obedient servant,

DANIEL H. WALDRON.

Medical Officer of Health.



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SECTION A.

GENERAL STATISTICS:-

									1956.	1957.
Area (in acres)	61,686.	61,686.
Population	14,070.	14,150.
Number of inhabited houses	..	..	..	..	..	..	..	..	5,000.	5,000.
Rateable Value	..	..	..	..	..	..	..	..	£123,602.	£120,834.
Sum represented by a ld. Rate (estimated)	..	..	..	..	..	..	..	..	£489.	£472.

VITAL STATISTICS:-BIRTHS:-

									1956.	1957.
Legitimate (Males)	..	..	..	..	..	..	..	..	115	114
" (Females)	..	..	..	..	..	..	..	..	119	104
Illegitimate (Males)	..	..	..	..	..	..	..	..	4	5
" (Females)	..	..	..	..	..	..	..	..	4	NIL.
Stillbirths	..	..	..	..	..	..	..	..	8	3
Birth Rate per 1,000 population	..	..	..	..	..	..	..	..	20.1	18.3
" " " " " (Bucks)	..	..	..	..	..	..	..	..	16.3	16.7
" " " " " (England & Wales)	..	..	..	..	..	..	..	..	15.7	16.1

DEATHS:-

Males	..	..	..	..	..	..	..	..	96	88
Females	..	..	..	..	..	..	..	..	94	105
Death Rate per 1,000 population	..	..	..	..	..	..	..	..	10.9	11.0
" " " " " (Bucks)	..	..	..	..	..	..	..	..	9.9	9.7
" " " " " (England & Wales)	..	..	..	..	..	..	..	..	11.7	11.5
Maternal Mortality	..	..	..	..	..	..	..	..	Nil	Nil
" " (Bucks)	..	..	..	..	..	..	..	..	0.43	0.55
Infantile Mortality	..	..	..	..	..	..	..	..	16.5	17.9
" " (Bucks)	..	..	..	..	..	..	..	..	17.1	21.6
" " (England & Wales)	..	..	..	..	..	..	..	..	23.8	23.0

PRINCIPAL CAUSES OF DEATH:-

PRINCIPAL CAUSES OF DEATH:-								1956			1957		
								M.	F.	T.	M.	F.	T.
Tuberculosis, respiratory	..	..	..	..	..	..	..	1.	0	1	1	0	1
Tuberculosis, other	..	..	..	..	..	..	..	0	0	0	1	0	1
Meningococcal Infections	..	..	..	..	..	..	..	0	0	0	0	0	0
Acute Poliomyelitis	..	..	..	..	..	..	..	0	0	0	0	0	0
Cancer	..	..	..	..	..	..	..	11	24	35	17	20	37
Leukaemia	..	..	..	..	..	..	..	0	1	1	0	0	0
Diabetes	..	..	..	..	..	..	..	0	2	2	0	2	2
Cerebral Haemorrhage	..	..	..	..	..	..	..	11	13	24	9	14	23
Heart Disease	..	..	..	..	..	..	..	35	31	66	32	38	70
Other Circulatory Diseases	..	..	..	..	..	..	..	2	1	3	1	4	5
Influenza	..	..	..	..	..	..	..	0	0	0	1	1	2
Pneumonia	..	..	..	..	..	..	..	7	5	12	6	9	15
Bronchitis	..	..	..	..	..	..	..	10	0	10	3	2	5
Digestive Diseases	..	..	..	..	..	..	..	2	0	2	1	4	5
Nephritis	..	..	..	..	..	..	..	1	1	2	1	1	2
Hyperplasia of Prostate	..	..	..	..	..	..	..	2	0	2	1	0	1
Pregnancy, Childbirth, Abortion	..	..	..	..	..	..	..	0	0	0	0	0	0
Congenital Malformations	..	..	..	..	..	..	..	1	1	2	0	0	0
Accidents	..	..	..	..	..	..	..	8	3	11	5	2	7
Suicide	..	..	..	..	..	..	..	1	0	1	1	0	1
All other causes	..	..	..	..	..	..	..	4	12	16	8	8	16
TOTALS								96	94	190	88	105	193

SECTION B

GENERAL PROVISION OF HEALTH SERVICES

1. LABORATORY SERVICES

Specimens for bacteriological investigation were sent to the Public Health Laboratories at Northampton and Bedford. Specimens for qualitative and quantitative analysis were sent to London.

2. AMBULANCE SERVICES.

This service, which is controlled by the County Health Department maintains two motor ambulances and one sitting case car in Newport Pagnell, supplemented if necessary by ambulances from other areas in North Bucks.

3. HOME NURSING AND MIDWIFERY

The District Nurses in the Newport Pagnell Rural Area carried out their duties in their usual conscientious manner.

4. CLINICS

(a) Child Welfare Centres:-

There are four static Welfare Centres serving the district. They are located as follows:-

Hanslope (once monthly).	Olney (twice monthly).
Newport Pagnell (twice monthly).	Woburn Sands (twice monthly).

In addition the following villages were visited by the Mobile Welfare Unit:-

Castlethorpe	Willen	Simpson	Shenley Church End
Stoke Goldington	Woolstone	Milton Keynes	Lavendon
Ravenstone.	Woughton	Little Brickhill	Moulsoe
Filgrave.	North Crawley	Loughton	Sherington
Astwood.			

The District Nurse and Health Visitor attended each session and a Medical Officer attended once a month. In addition to the normal work of a Child Welfare Centre immunisation against Diphtheria and Whooping Cough was also carried out. These centres have done excellent work during the year and total attendances of children was 3184. I should like to draw attention to the valuable work done by the Ladies Voluntary Committees at these centres.

(b) Chest Clinics:-

Administered jointly by the County Health Department and the Regional Hospital Board, Chest Clinics serving this area are held at Wolverton and Bletchley. A specialist in Chest Diseases attends once a week and these Clinics are doing excellent work particularly in the fight against Tuberculosis.

(c) Orthopaedic Clinic:-

This Clinic administered by the Regional Hospital Board is held twice monthly at Wolverton Road, Newport Pagnell.

5. HOME HELPS SERVICE.

This Service, introduced under the National Health Service Act, 1946, is helping many people annually. During 1957 a total of 58 cases were assisted.

6. HOSPITALS

The following hospitals have received cases from the area during the year:-

Northampton General	Bedford General
Harborough Road	Royal Bucks
Creton Sanatorium	Tindal House, Aylesbury
Renny Lodge	Westbury, Newport Pagnell

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

(A) WATER

Source of Supply - Olney

During the year the demand from this source has been still further reduced and excluding the higher premises in Lavendon good pressures and continuous supply have been maintained.

Chlorination of supply has been carried out and the regular bacteriological examinations of the water submitted for analysis have in all cases been satisfactory.

Chemical Analysis:-

"This sample is practically clear and bright in appearance, on the alkaline side of neutrality and free from metals apart from a negligible trace of iron. The water is moderately hard in character and it contains no excess of mineral constituents in solution. It is of very satisfactory organic quality.

From the aspect of the chemical analysis these results are indicative of a pure and wholesome water suitable for public supply purposes."

Birchmoor Source:-

This supply which, now the trunk main is completed and the necessary extensions carried out, now also supplies Great Linford, Haversham, Emberton Hanslope and Castlethorpe is of a good quality and quantity and satisfactory distribution has been maintained except during bursts throughout the whole of the area which it serves.

Chemical Analysis:-

"This sample is practically clear and bright in appearance and free from metals apart from a negligible trace of iron and an appreciable amount of copper, the copper doubtless deriving from action on pipework of this metal. The water is on the acid side of neutrality and, from the aspect of corrosive activity, a higher pH is considered necessary. The water is fairly soft in character and it contains no excess of mineral constituents in solution. It is of very satisfactory organic quality.

Apart from the criticism attaching to the low pH value the results are indicative of a pure and wholesome water suitable for drinking and domestic purposes as judged from the aspect of the chemical analysis."

Hanslope Supply:-

This stand-by supply has only been used to a very limited extent to enable the equipment to be kept in working order in the event of it being needed for temporary supply in emergency.

Cold Brayfield Extension:-

This unfortunately has not been carried out and as reported by the Council's Engineers cannot be carried out without improvement of pressures to the Lavendon area without causing shortare to the higher properties in Lavendon. The scheme is now prepared for this and I trust it will be carried out in the near future.

Total consumption for the whole district for all purposes for the year 1957 from all sources:-

	Gallons
Overbrook Works, Weston Underwood	28,661,000
Birchmoor Total	125,180,000
Bucks Water Board Total	4,634,000
Newport Pagnell U.D.C. via Lathbury	36,000
Great Linford (Before being supplied by Birchmoor)	2,063,000
Haversham (Before being supplied by Birchmoor)	3,459,000
Hanslope (Standby Supply)	494,000
TOTAL ..	<u>164,527,000</u>

DRAINAGE AND SEWERAGE.

Existing Sewerage Works.

The Olney, Sherington, Haversham (Fields and Manor Estates), Milton Keynes, Little Brickhill, Weston Underwood, Emberton and Bow Brickhill Sewerage Works and the Olney and Emberton Sewerage Pumping Stations have worked well throughout the year. On one occasion the effluent at Bow Brickhill and at Olney fell below the required standard but this was promptly dealt with.

The Bradwell Pumping Station is now in full operation, discharging the sewage into the Wolverton sewers and the W.C. conversions are practically completed.

Part of the Hanslope scheme is to commence early in 1958 and the Lavendon Scheme later in that year. It is to be hoped the remainder of the Hanslope scheme, the Castlethorpe scheme the Schenley and Loughton and the Wavendonschemes will receive approval and can be carried out in the near future.

SCAVENGING AND CLEANSING:

A regular service has been maintained throughout the year in spite of difficulties due to illness, especially influenza, amongst the staff.

NORTHERN DEPOT

Night Soil Collection and Cesspool Cleansing, Etc.

Total hours worked	..	..	..	..	..	..	..	6,149
Absence due to sickness, holidays, etc.	..	..	..	..	..	..	..	387 hours
Mileage covered	..	..	..	..	..	..	..	11,098
Fuel consumed - gallons	..	..	..	..	..	..	..	1,090
Average miles per gallon	..	..	..	..	..	..	..	10.182

Details of work carried out:-

Number of pails cleansed	..	..	..	..	..	..	..	47,778
Number of privies cleansed	..	..	..	..	..	..	..	51
Number of cesspools cleansed	..	..	..	..	..	..	..	214
Number of visits to Trade Premises	..	..	..	..	..	..	..	35

SOUTHERN DEPOT

Night Soil Collection and Cesspool Cleansing, etc.

Total hours worked	..	..	..	..	..	..	..	5,902 $\frac{1}{2}$
Absence due to sickness, holidays, etc.	..	..	..	..	..	..	..	273 hours
Mileage covered	..	..	..	..	..	..	..	16,803
Fuel consumed - gallons	..	..	..	..	..	..	..	1,266
Average miles per gallon	..	..	..	..	..	..	..	13.273

Details of work carried out:-

Number of pails cleansed	..	..	..	..	..	..	..	28,063
Number of privies cleansed	..	..	..	..	..	..	..	196
Number of cesspools cleansed	..	..	..	..	..	..	..	341
Number of visits to Trade Premises	..	..	..	..	..	..	..	22

NORTHERN DEPOT REFUSE COLLECTION

Total hours worked	..	..	..	..	..	..	..	11,438
Absence due to sickness, holidays, etc.	..	..	..	..	..	..	..	1,121 hours
Mileage covered	..	..	..	..	..	..	..	9,997
Petrol consumed - gallons	..	..	..	..	..	..	..	1,366
Average miles per gallon	..	..	..	..	..	..	..	7.318

Details of work carried out:-

Number of properties cleansed	..	..	..	..	..	..	..	81,449
Number of bins cleansed	..	..	..	..	..	..	..	95,886

In addition 8 loads of street sweepings have been cleared.

SOUTHERN DEPOT REFUSE COLLECTION

Total hours worked	..	..	..	..	..	..	..	10,087 $\frac{3}{4}$
Absence due to sickness, holidays, etc.	..	..	..	..	..	..	..	825 hours
Mileage covered	..	..	..	..	..	..	..	7,274
Petrol consumed - gallons	..	..	..	..	..	..	..	1,054
Average miles per gallon	..	..	..	..	..	..	..	6.901

Details of work carried out:-

Number of properties cleansed	..	..	..	..	..	..	..	65,880
Number of bins cleansed	..	..	..	..	..	..	..	81,600

SECTION E.

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART

	Cattle excluding Cows	Cows.	Calvos	Sheep & Lambs	Pigs	Horses
Number killed (if known)	534	95	21	1802	951	Nil
Number inspected	534	95	21	1802	951	Nil
ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERI: Whole carcasses condemned	1	3	Nil	6	Nil	Nil
Carcasses of which some part or organ was condemned	24	11	Nil	3	6	Nil
Percentage of the number inspected affected with disease other than Tuberculosis and cysticeri	4.68	14.73	Nil	0.5	0.63	Nil
TUBERCULOSIS ONLY: Whole Carcasses condemned	Nil	1	Nil	Nil	Nil	Nil
Carcasses of which some part or organ was condemned	23	11	Nil	Nil	6	Nil
Percentage of the number inspected affected with Tuberculosis	4.30	12.63	Nil	Nil	0.63	Nil
CYSTICEROSIS: Carcasses of which some part or organ was condemned	Nil	Nil	Nil	Nil	Nil	Nil
Carcasses submitted to treat- ment by refrigeration	Nil	Nil	Nil	Nil	Nil	Nil
Generalised and totally condemnod	Nil	Nil	Nil	Nil	Nil	Nil

During the year it has been possible to maintain a 100% inspection of carcasses slaughtered in the area in spite of difficulties caused by holidays, weekend slaughtering, etc. A total number of 531 visits to slaughterhouses have been made by the Inpsectors for this purpose.

SECTION F.

FACTORIES ACTS, 1937 and 1948

1. INSPECTIONS (Including Inspections made by Public Health Inspectors).

	No. on Register	Number of Inspections	Number of Written Notices
(i) Factories under Local Authority Control	58	109	8
(ii) Factories under Local Authority Control (for Sec. 7 only).	71	142	13
(iii) Other premises (excluding outworkers)	16	32	1
TOTAL	145	283	22

2. DEFECTS FOUND

Particulars	Found	Remedied	Referred by H. M. Inspector
Want of cleanliness	4	4	Nil
Overcrowding	Nil	Nil	Nil
Unreasonable temperature	Nil	Nil	Nil
Inadequate ventilation	Nil	Nil	Nil
Ineffective drainage of floors	7	7	Nil
Sanitary Conveniences			
(a) Insufficient	4	4	Nil
(b) Unsuitable or defective	Nil	Nil	Nil
(c) Not separate for sexes	Nil	Nil	Nil
Other offences against the Act (not including offences relating to Outwork).	7	7	Nil
	22	22	Nil

3. PROSECUTIONS - Nil

4. OUTWORKERS (Sections 110 and 111).

Number of outworkers making wearing apparel	3
	3

SECTION G

PREVALENCE OF AND CONTROL OVER
INFECTIOUS AND OTHER DISEASES.

1. GENERAL

No epidemics occurred during the year.

2. NOTIFICATIONS.

				1956	1957
Whooping Cough	..	..	..	5	6
Measles	..	..	..	22	22
Pneumonia	..	..	..	2	-
Scarlet Fever	..	..	..	-	11
Dysentery	..	..	..	-	3

3. TUBERCULOSIS.

Three cases were notified during the year, all pulmonary. There were two deaths.

4. CANCER.

There were 37 deaths from this disease during the year.

